

Chavira, Raymond

From: Scott Parsons <Scott.Parsons@tetrattech.com>
Sent: Monday, December 30, 2013 5:18 PM
To: Chavira, Raymond
Subject: 2013 PVOU SZ North of Puente Creek Annual Groundwater Monitoring Report

Follow Up Flag: Follow up
Flag Status: Completed

Click the links below to download the files. Files will expire Sat Jan 11 19:17:39 2014.

[GWMR_20131230.pdf \(38,552,049 bytes\)](#)

Package details:

From: Scott.Parsons@tt

To: Chavira.Raymond@epa.gov ; bradley.barquest@utc.com ; tom.perina@ch2m.com

Subject: 2013 PVOU SZ North of Puente Creek Annual Groundwater Monitoring Report

Arrived: Mon Dec 30 19:17:38 2013

Please find attached the subject document.

Total file size: 38,552,049 bytes

Chavira, Raymond

From: Lee, Don <Don.Lee@tetrattech.com>
Sent: Tuesday, December 31, 2013 12:06 PM
To: Enriquez, Raymond; pwinspector@lapuente.org
Cc: Bradley.Barquest@utc.com; Parsons, Scott; Chavira, Raymond; Tom.Perina@CH2M.com; Rosa.Esquivel@CH2M.com
Subject: NOTIFICATION - Groundwater sampling from existing monitoring wells in West Puente Valley area , January 6 - 10, 2013 (est.)

Hello Raymond and Kev,

Please be advised that Tetra Tech will be collecting groundwater samples from three existing monitoring wells located on public roadways approximately from January 6 to 10, 2013.

A brief description of the planned work is as follows:

Work Description: Collect groundwater samples from existing monitoring wells.

Where: Residential roads in West Puente Valley area (see locations below).

When: Approximately from January 6 to 10, 2013.

Traffic Impact: The sampling is expected to take approximately 6 to 8 hours at each location and will be done one location at a time. Minimal or no traffic impact is expected at most locations. Temporary traffic control signs will be set up at each location to allow two-way traffic flow around the work area. None of the roads will be blocked. Street parking will be temporarily obstructed.

Monitoring Well Locations:

WELL	LOCATION
MW8-1	Sauder St near Van Wig Ave, West Puente Valley
MW8-2	Homeward St near Van Wig Ave, West Puente Valley
MW8-3	Edanruth Ave near Fairgrove Ave, West Puente Valley

Please call me if you have any questions.

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | **NEW** Cell: 949.697.1575 | Fax: 949.809.5010

don.lee@tetrattech.com

Tetra Tech

17885 Von Karman Avenue, Suite 500, Irvine, CA 92614-6213 | www.tetrattechgeo.com

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Chavira, Raymond

From: Chavira, Raymond
Sent: Friday, January 03, 2014 10:50 AM
To: Tom.Perina@CH2M.com
Cc: Kerang.Sun@CH2M.com;Rick Lewis;Klaus Rohwer;Bradley A Barquest (bradley.barquest@utc.com);Parsons, Scott
Subject: RE: e-mail attachment size

Please note CH2M HILL has increased its ability to accept larger file size up to 20 MB. This should allow us to transfer files with more efficiently.

Ray

From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Friday, January 03, 2014 10:16 AM
To: Chavira, Raymond
Cc: Kerang.Sun@CH2M.com
Subject: e-mail attachment size

Ray,

My request for increased e-mail attachment size was granted in a short time. Both Kerang and I can receive 20MB. This should cover most documents.

Tom

Tom Perina, PhD, PG, CHG
Hydrogeologist/Senior Technologist
CH2M HILL
1770 Iowa Avenue, Suite 200
Riverside, CA 92507
direct: 951-824-8724
951-276-3003 x34024
tperina@ch2m.com

Chavira, Raymond

From: Chavira, Raymond
Sent: Monday, January 06, 2014 8:59 AM
To: Parsons, Scott
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Lee, Don
Subject: RE: MW8-1, MW8-2, and MW8-3 permits

Scott,

Is everything in order to start today?

From: Parsons, Scott [<mailto:Scott.Parsons@tetrattech.com>]
Sent: Monday, December 23, 2013 11:14 AM
To: Chavira, Raymond
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Lee, Don
Subject: RE: MW8-1, MW8-2, and MW8-3 permits

Thank you Ray. We will plan on mobilizing on January 6.

From: Chavira, Raymond [<mailto:Chavira.Raymond@epa.gov>]
Sent: Monday, December 23, 2013 11:12 AM
To: Parsons, Scott
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Lee, Don
Subject: RE: MW8-1, MW8-2, and MW8-3 permits

I spoke with Magdy. He said he should have it ready for pick up by Thu/Fri next week.

Ray

From: Parsons, Scott [<mailto:Scott.Parsons@tetrattech.com>]
Sent: Monday, December 23, 2013 9:49 AM
To: Chavira, Raymond
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Lee, Don
Subject: RE: MW8-1, MW8-2, and MW8-3 permits

Ray,

Our contact person is Magdy El-Shwahyk (626) 458-3134 Melshwah@dpw.lacounty.gov at County of Los Angeles Department of Public Works, 900 S. Fremont Avenue, Alhambra. We confirmed with Magdy that he received the permit application package on Dec 19.

We would like to begin sampling the week of January 6, 2014.

The permit would be good for one calendar year from the date of issuance, and would allow us to include groundwater monitoring wells MW8-1, MW8-2, and MW8-3 in the 2014 comprehensive PVOU SZ North of Puente Creek groundwater monitoring and sampling events.

Thanks for your support!

Scott Parsons | Principal Engineer
Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010
Scott.Parsons@tetrattech.com

Tetra Tech
17885 Von Karmann Avenue | Suite 500 | Irvine, CA 92614-6213

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Subject: RE: MW8-1, MW8-2, and MW8-3 permits

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I will call today. Please provide the contact information and proposed dates for sampling. Also, are the permits for a one time sampling event or multiple events over a year or other period?

Ray

From: Parsons, Scott [<mailto:Scott.Parsons@tetrattech.com>]
Sent: Saturday, December 21, 2013 9:54 AM
To: Chavira, Raymond
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com)
Subject: MW8-1, MW8-2, and MW8-3 permits

Ray,

Los Angeles County has informed us that due to the holidays and backlog, we are not likely to receive the road permits for MW 8-1, 8-2, and 8-3 until approximately January 20. As we will not be able to complete the baseline reinjection sampling until after these permits are received, we would appreciate it if you would place a call to the County to see if the permitting process can be expedited.

Scott Parsons | Principal Engineer
Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010
Scott.Parsons@tetrattech.com

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To: Chavira, Raymond
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com); Parsons, Scott
Subject: RE: MW8-1, MW8-2, and MW8-3 permits

Ray,

We began sampling this morning.

Don

Don Lee, PG, CHG | Senior Hydrogeologist
Direct: 949.809.5220 | Main: 949.809.5000 | **NEW** Cell: 949.697.1575 | Fax: 949.809.5010
don.lee@tetrattech.com

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Thanks for your support!

Scott Parsons | Principal Engineer
Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010
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Sent: Saturday, December 21, 2013 9:54 AM
To: Chavira, Raymond
Cc: Tom Perina; Bradley A Barquest (bradley.barquest@utc.com)
Subject: MW8-1, MW8-2, and MW8-3 permits

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Scott Parsons | Principal Engineer

Direct: 949.809.5222 | Main: 949.809.5000 | Fax: 949.809.5010

Scott.Parsons@tetratech.com

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17885 Von Karmann Avenue | Suite 500 | Irvine, CA 92614-6213

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Chavira, Raymond

From: Lee, Don <Don.Lee@tetrattech.com>
Sent: Monday, January 06, 2014 4:41 PM
To: Chavira, Raymond
Cc: Bradley.Barquest@utc.com;Parsons, Scott;Tom Perina;John.Dolegowski@CH2M.com;Kerang.Sun@CH2M.com
Subject: SZN baseline sampling update - January 6, 2014

Ray,

Completed today

- Collected samples from MW8-1A, B, and C.

Tomorrow

- Sample MW8-1D, MW8-2A and B.

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | **NEW** Cell: 949.697.1575 | Fax: 949.809.5010

don.lee@tetrattech.com

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Chavira, Raymond

From: Lee, Don <Don.Lee@tetrattech.com>
Sent: Tuesday, January 07, 2014 4:31 PM
To: Chavira, Raymond
Cc: Bradley.Barquest@utc.com;Parsons,
Scott;Tom.Perina@CH2M.com;John.Dolegowski@CH2M.com;Kerang.Sun@CH2M.com
Subject: SZN baseline sampling update - January 7, 2014

Ray,

Completed today

- Collected samples from MW8-2A, B, C, and D.

Tomorrow

- Sample MW8-3A, B, C, and D

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | **NEW** Cell: 949.697.1575 | Fax: 949.809.5010

don.lee@tetrattech.com

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Chavira, Raymond

From: Lee, Don <Don.Lee@tetrattech.com>
Sent: Thursday, January 09, 2014 9:06 AM
To: Chavira, Raymond
Cc: Bradley.Barquest@utc.com;Parsons,
Scott;Tom.Perina@CH2M.com;John.Dolegowski@CH2M.com;Kerang.Sun@CH2M.com
Subject: SZN baseline sampling update - January 8, 2014

Ray,

Completed on January 8

- Collected samples from MW8-3A, B, C, and D.

Today

- Sample P-1U, UM, LM, and L

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | **NEW** Cell: 949.697.1575 | Fax: 949.809.5010

don.lee@tetrattech.com

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Chavira, Raymond

From: Lee, Don <Don.Lee@tetrattech.com>
Sent: Friday, January 10, 2014 4:40 PM
To: Chavira, Raymond
Cc: Bradley.Barquest@utc.com;Parsons,
Scott;Tom.Perina@CH2M.com;John.Dolegowski@CH2M.com;Kerang.Sun@CH2M.com
Subject: SZN baseline sampling update - January 10, 2014

Ray,

We completed sampling the last well casing MW8-1D today. With that we completed sampling MW8-1, MW8-2, MW8-3, and P-1.

Please call if there are any questions.

Thanks
Don

Don Lee, PG, CHG | Senior Hydrogeologist

Direct: 949.809.5220 | Main: 949.809.5000 | **NEW** Cell: 949.697.1575 | Fax: 949.809.5010

don.lee@tetrattech.com

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Chavira, Raymond

From: Chavira, Raymond
Sent: Monday, January 13, 2014 10:14 AM
To: Parsons, Scott
Subject: FW: RB Case Manager for Carrier

From: Hu, Jeffrey@Waterboards [mailto:jeffrey.hu@waterboards.ca.gov]
Sent: Thursday, January 09, 2014 9:47 AM
To: Chavira, Raymond
Cc: Rabelo, Luz@Waterboards
Subject: RB Case Manager for Carrier

Hi Ray, Our new case manager for Carrier and Benchmark is Luz Rabelo. Luz's phone number is: 213-576-6783.

Luz has been managing cases in San Fernando Valley Superfund Area for the past 12 months. Please feel free to contact Luz with any project needs.

Regards

Jeffrey

G. Jeffrey Hu, P.E.
Chief, Site Cleanup Unit II
California Regional Water Quality Control Board
Los Angeles Region
California Environmental Protection Agency
(213) 576-6803
Jeffrey.Hu@waterboards.ca.gov

Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Monday, January 13, 2014 10:19 AM
To: Chavira, Raymond
Subject: RE: RB Case Manager for Carrier

Got it

----- Original message -----

From: "Chavira, Raymond" <Chavira.Raymond@epa.gov>
Date: 01/13/2014 10:14 AM (GMT-08:00)
To: "Parsons, Scott" <Scott.Parsons@tetrattech.com>
Subject: FW: RB Case Manager for Carrier

From: Hu, Jeffrey@Waterboards [mailto:jeffrey.hu@waterboards.ca.gov]
Sent: Thursday, January 09, 2014 9:47 AM
To: Chavira, Raymond
Cc: Rabelo, Luz@Waterboards
Subject: RB Case Manager for Carrier

Hi Ray, Our new case manager for Carrier and Benchmark is Luz Rabelo. Luz's phone number is: 213-576-6783.

Luz has been managing cases in San Fernando Valley Superfund Area for the past 12 months. Please feel free to contact Luz with any project needs.

Regards

Jeffrey

G. Jeffrey Hu, P.E.
Chief, Site Cleanup Unit II
California Regional Water Quality Control Board
Los Angeles Region
California Environmental Protection Agency
(213) 576-6803
Jeffrey.Hu@waterboards.ca.gov

Chavira, Raymond

From: Emma Pulido <Emma.Pulido@tetrattech.com>
Sent: Wednesday, January 22, 2014 7:50 AM
To: Chavira, Raymond
Subject: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Click the links below to download the files. Files will expire Mon Feb 03 09:49:57 2014.

[GW Monitoring Workplan First Half 2014 draft 01-21-2014.pdf \(7,128,230 bytes\)](#)
[MW1B SW4 PCE stats 20140115.pdf \(7,556,376 bytes\)](#)

Package details:

From: emma.pulido@tt
To: chavira.raymond@epamail.epa.gov ; bradley.barquest@utc.com ; tom.perina@ch2m.com
Subject: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014
Arrived: Wed Jan 22 09:49:55 2014

Good morning,

Please see the attached per Scott Parsons' request. Hardcopies of the report were sent to the individuals designated to receive them based on the distribution list. Please let me know if you have any questions.

Thank you,

Emma Pulido | Administrative Assistant
Direct: 949.809.5118 | Main: 949.809.5000 | Fax: 949.809.5010
emma.pulido@tetrattech.com

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Total file size: 14,684,606 bytes

Chavira, Raymond

From: Chavira, Raymond
Sent: Monday, January 27, 2014 9:48 AM
To: Lee, Don
Cc: Parsons, Scott; Bradley A Barquest (bradley.barquest@utc.com); Tom Perina
Subject: FW: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Don,

Per your call Friday, I have received hard copies of these documents. Please do not label these submittals as "drafts" unless directed by EPA. These reports are considered "final". If revisions are necessary, they can be labeled Revised Final.

Thanks for your attention in this matter.

Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Emma Pulido [mailto:Emma.Pulido@tetrattech.com]
Sent: Wednesday, January 22, 2014 7:50 AM
To: Chavira, Raymond
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[MW1B SW4 PCE stats 20140115.pdf \(7,556,376 bytes\)](#)

Package details:

From: emma.pulido@tt
To: chavira.raymond@epamail.epa.gov ; bradley.barquest@utc.com ; tom.perina@ch2m.com
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Subject: RE: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Ray,

The draft watermark was left on the documents in error. These documents are final. We will resubmit them as finals today.

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Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

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Total file size: 14,684,606 bytes

Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Monday, January 27, 2014 10:50 AM
To: Chavira, Raymond
Subject: RE: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Ray,

We are in the processing of removing the draft watermark from the groundwater monitoring report and resubmitting.

Can you confirm that the statistical analysis memo was not marked draft and does not have to be resubmitted?

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]
Sent: Monday, January 27, 2014 9:48 AM
To: Lee, Don
Cc: Parsons, Scott; Bradley A Barquest (bradley.barquest@utc.com); Tom Perina
Subject: FW: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Don,

Per your call Friday, I have received hard copies of these documents. Please do not label these submittals as "drafts" unless directed by EPA. These reports are considered "final". If revisions are necessary, they can be labeled Revised Final.

Thanks for your attention in this matter.

Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Emma Pulido [mailto:Emma.Pulido@tetrattech.com]
Sent: Wednesday, January 22, 2014 7:50 AM
To: Chavira, Raymond
Subject: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Click the links below to download the files. Files will expire Mon Feb 03 09:49:57 2014.

[GW Monitoring Workplan First Half 2014 draft 01-21-2014.pdf \(7,128,230 bytes\)](#)
[MW1B SW4 PCE stats 20140115.pdf \(7,556,376 bytes\)](#)

Package details:

From: emma.pulido@tt

To: chavira.raymond@epamail.epa.gov ; bradley.barquest@utc.com ; tom.perina@ch2m.com

Subject: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

Arrived: Wed Jan 22 09:49:55 2014

Good morning,

Please see the attached per Scott Parsons' request. Hardcopies of the report were sent to the individuals designated to receive them based on the distribution list. Please let me know if you have any questions.

Thank you,

Emma Pulido | Administrative Assistant

Direct: 949.809.5118 | Main: 949.809.5000 | Fax: 949.809.5010

emma.pulido@tetrattech.com

GeoTrans, Inc. | A Tetra Tech Company

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Total file size: 14,684,606 bytes

Chavira, Raymond

From: Chavira, Raymond
Sent: Monday, January 27, 2014 11:01 AM
To: Parsons, Scott
Subject: RE: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

The transmittal page was marked draft.

From: Parsons, Scott [<mailto:Scott.Parsons@tetrattech.com>]
Sent: Monday, January 27, 2014 10:50 AM
To: Chavira, Raymond
Subject: RE: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

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EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

From: Emma Pulido [<mailto:Emma.Pulido@tetrattech.com>]

Sent: Wednesday, January 22, 2014 7:50 AM

To: Chavira, Raymond

Subject: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

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[MW1B SW4 PCE stats 20140115.pdf \(7,556,376 bytes\)](#)

Package details:

From: emma.pulido@tt

To: chavira.raymond@epamail.epa.gov ; bradley.barquest@utc.com ; tom.perina@ch2m.com

Subject: Statistical Analysis of PCE Data at PVOU Wells MW-01B and SW-04 AND Draft Groundwater Monitoring and Sampling Work Plan First Half 2014

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Thank you,

Emma Pulido | Administrative Assistant

Direct: 949.809.5118 | Main: 949.809.5000 | Fax: 949.809.5010

emma.pulido@tetrattech.com

GeoTrans, Inc. | A Tetra Tech Company

17885 Von Karman Avenue, Suite 500 | Irvine, CA 92614 www.geotransinc.com | www.tetrattech.com

PLEASE NOTE: This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.

Total file size: 14,684,606 bytes

Chavira, Raymond

From: Chavira, Raymond
Sent: Friday, January 31, 2014 9:32 AM
To: Parsons, Scott
Cc: Rabelo, Luz@Waterboards
Subject: RE: RB Case Manager for Carrier

Follow Up Flag: Follow up
Flag Status: Flagged

Scott,

A status update on our review of the IA Work Plan for former Carrier facility. We should be able to provide preliminary comments by next Friday Feb 7.

Ray

From: Parsons, Scott [mailto:Scott.Parsons@tetrattech.com]
Sent: Monday, January 13, 2014 1:50 PM
To: Chavira, Raymond
Subject: RE: RB Case Manager for Carrier

Ray,

A copy of the indoor air work plan that was submitted to the LARWQCB is attached.

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]
Sent: Monday, January 13, 2014 10:14 AM
To: Parsons, Scott
Subject: FW: RB Case Manager for Carrier

From: Hu, Jeffrey@Waterboards [mailto:jeffrey.hu@waterboards.ca.gov]
Sent: Thursday, January 09, 2014 9:47 AM
To: Chavira, Raymond
Cc: Rabelo, Luz@Waterboards
Subject: RB Case Manager for Carrier

Hi Ray, Our new case manager for Carrier and Benchmark is Luz Rabelo. Luz's phone number is: 213-576-6783.

Luz has been managing cases in San Fernando Valley Superfund Area for the past 12 months. Please feel free to contact Luz with any project needs.

Regards

Jeffrey

G. Jeffrey Hu, P.E.

Chief, Site Cleanup Unit II
California Regional Water Quality Control Board
Los Angeles Region
California Environmental Protection Agency
(213) 576-6803
Jeffrey.Hu@waterboards.ca.gov

Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Friday, January 31, 2014 12:02 PM
To: Chavira, Raymond
Subject: RE: RB Case Manager for Carrier

Ok. Thanks Ray.

From: Chavira, Raymond [Chavira.Raymond@epa.gov]
Sent: Friday, January 31, 2014 11:31 AM
To: Parsons, Scott
Cc: Rabelo, Luz@Waterboards
Subject: RE: RB Case Manager for Carrier

Scott,

A status update on our review of the IA Work Plan for former Carrier facility. We should be able to provide preliminary comments by next Friday Feb 7.

Ray

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Cc: Rabelo, Luz@Waterboards
Subject: RB Case Manager for Carrier

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Luz has been managing cases in San Fernando Valley Superfund Area for the past 12 months. Please feel free to contact Luz with any project needs.

Regards

Jeffrey

G. Jeffrey Hu, P.E.
Chief, Site Cleanup Unit II
California Regional Water Quality Control Board
Los Angeles Region
California Environmental Protection Agency
(213) 576-6803
Jeffrey.Hu@waterboards.ca.gov

Chavira, Raymond

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>
Sent: Tuesday, February 04, 2014 5:29 AM
To: Chavira, Raymond
Subject: Update Call

Ray I have some offsite meetings this morning and then training until about 2:00 pm central. Will call you early afternoon (pacific).

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

Chavira, Raymond

From: Chavira, Raymond
Sent: Tuesday, February 04, 2014 9:20 AM
To: Barquest, Bradley A UTCHQ
Subject: RE: Update Call

Great!

I am available from 1:30 PM PST on.

Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]
Sent: Tuesday, February 04, 2014 5:29 AM
To: Chavira, Raymond
Subject: Update Call

Ray I have some offsite meetings this morning and then training until about 2:00 pm central. Will call you early afternoon (pacific).

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

Chavira, Raymond

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>
Sent: Wednesday, February 05, 2014 10:34 AM
To: Chavira, Raymond
Subject: Just left you a voice mail message

Ray if you area around and get a chance to call please do so. I should in the office the rest of the week with several scheduled calls, but will try to connect when available.

Thanks

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

Chavira, Raymond

From: Chavira, Raymond
Sent: Monday, February 10, 2014 1:39 PM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott;Tom.Perina@CH2M.com;Maldonado, Lewis
Subject: Bi-Monthly Progress Reports

Brad,

In the future, please submit well installation reports, groundwater sampling reports, or other technical reports as standalone documents. Please do not include as part of B-Monthly Progress Reports.

Thanks you for your cooperation in this matter.

Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

Chavira, Raymond

From: Tom.Perina@CH2M.com
Sent: Monday, February 10, 2014 1:45 PM
To: Chavira, Raymond;Bradley.Barquest@utc.com
Cc: Scott.Parsons@tetrattech.com;Maldonado, Lewis
Subject: RE: Bi-Monthly Progress Reports

Brad,

Can you please ship one of the hardcopies (with CD) to me as now and send the second one to Kerang Sun in our Santa Ana office? Please do this with all documents that are sent as hardcopies.

Thanks,

Tom

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]
Sent: Monday, February 10, 2014 1:39 PM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott; Perina, Tom/RIV; Maldonado, Lewis
Subject: Bi-Monthly Progress Reports

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EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Monday, February 10, 2014 2:17 PM
To: Tom.Perina@CH2M.com;Chavira, Raymond;Bradley.Barquest@utc.com
Cc: Maldonado, Lewis
Subject: RE: Bi-Monthly Progress Reports

Tom,

A hard copy is being sent to your office via FedEx. You should receive it tomorrow. Should we also send Ray hard copies of future reports?

From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Monday, February 10, 2014 1:45 PM
To: Chavira.Raymond@epa.gov; Bradley.Barquest@utc.com
Cc: Parsons, Scott; Maldonado.Lewis@epa.gov
Subject: RE: Bi-Monthly Progress Reports

Brad,

Can you please ship one of the hardcopies (with CD) to me as now and send the second one to Kerang Sun in our Santa Ana office? Please do this with all documents that are sent as hardcopies.

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From: Chavira, Raymond [<mailto:Chavira.Raymond@epa.gov>]
Sent: Monday, February 10, 2014 1:39 PM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott; Perina, Tom/RIV; Maldonado, Lewis
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San Francisco, CA 94105-3901
(415) 947-4218

(415) 947-3528 fax

Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Monday, February 10, 2014 2:22 PM
To: Tom.Perina@CH2M.com;Chavira, Raymond;Bradley.Barquest@utc.com
Cc: Maldonado, Lewis
Subject: RE: Bi-Monthly Progress Reports

Tom,

Clarification. The hard copies were shipped out on Friday by FedEx. You should receive your hard copies by 3 PM today.

From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Monday, February 10, 2014 1:45 PM
To: Chavira.Raymond@epa.gov; Bradley.Barquest@utc.com
Cc: Parsons, Scott; Maldonado.Lewis@epa.gov
Subject: RE: Bi-Monthly Progress Reports

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San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 fax

Chavira, Raymond

From: Tom.Perina@CH2M.com
Sent: Monday, February 10, 2014 2:32 PM
To: Scott.Parsons@tetrattech.com;Chavira, Raymond;Bradley.Barquest@utc.com
Cc: Maldonado, Lewis
Subject: RE: Bi-Monthly Progress Reports

Yes, I received them. What I am asking for is, in the future, please send me just one hard copy and send the second one to Kerang Sun.

Tom

From: Parsons, Scott [mailto:Scott.Parsons@tetrattech.com]
Sent: Monday, February 10, 2014 2:22 PM
To: Perina, Tom/RIV; Chavira.Raymond@epa.gov; Bradley.Barquest@utc.com
Cc: Maldonado.Lewis@epa.gov
Subject: RE: Bi-Monthly Progress Reports

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From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Monday, February 10, 2014 1:45 PM
To: Chavira.Raymond@epa.gov; Bradley.Barquest@utc.com
Cc: Parsons, Scott; Maldonado.Lewis@epa.gov
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Chavira, Raymond

From: Chavira, Raymond
Sent: Tuesday, February 11, 2014 10:39 AM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott;Tom.Perina@CH2M.com
Subject: FW: Request to Add Well S11A to IZ Semiannual Monitoring Program

Brad,

Please ensure when contacted by Northrop to coordinate on access issues or other information related to well S11A.

Thanks in advance.

Ray

From: Chavira, Raymond
Sent: Wednesday, February 05, 2014 4:05 PM
To: 'Richard Lewis'
Cc: 'Klaus Rohwer'; Maldonado, Lewis; 'Tom.Perina@CH2M.com'; Kerang.Sun@CH2M.com; John.Dolegowski@CH2M.com
Subject: Request to Add Well S11A to IZ Semiannual Monitoring Program

Rick,

As you know, well S11A was installed in the IZ. Therefore, this well shall be included as part of the IZ Remedy and part of Northrop's work obligations under the 2009 Northrop Consent Decree. Please add this well as part of Northrop's semiannual groundwater sampling program starting with the "early 2014" event.

Please feel free to call me regarding this change.

Ray

Raymond Chavira
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San Francisco, CA 94105-3901
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(415) 947-3528 fax

Chavira, Raymond

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>
Sent: Tuesday, February 11, 2014 10:42 AM
To: Chavira, Raymond
Cc: Parsons, Scott; Tom.Perina@CH2M.com
Subject: RE: Request to Add Well S11A to IZ Semiannual Monitoring Program

Will do.

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]
Sent: Tuesday, February 11, 2014 12:39 PM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott; Tom.Perina@CH2M.com
Subject: [External] FW: Request to Add Well S11A to IZ Semiannual Monitoring Program

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From: Chavira, Raymond
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(415) 947-3528 fax

Chavira, Raymond

From: Chavira, Raymond
Sent: Tuesday, February 11, 2014 10:57 AM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott; Tom.Perina@CH2M.com
Subject: RE: Request to Add Well S11A to IZ Semiannual Monitoring Program

Brad,

Please contact Rick directly. My understanding is that Northrop is requesting an email or letter from UTC for access, etc.

Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]
Sent: Tuesday, February 11, 2014 10:42 AM
To: Chavira, Raymond
Cc: Parsons, Scott; Tom.Perina@CH2M.com
Subject: RE: Request to Add Well S11A to IZ Semiannual Monitoring Program

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Bradley A Barquest, R.G.
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Telephone 763-432-5695
e-fax 860-622-0566
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Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Tuesday, February 11, 2014 12:41 PM
To: Chavira, Raymond
Cc: Bradley A Barquest (bradley.barquest@utc.com); Tom Perina
Subject: Baselin Sampling Update

Ray,

We have received all of the groundwater analytical data associated with the December 2013/January 2014 baseline sampling event. We are in the process of validating the data and preparing data summary tables. We plan on sending the data summary tables to you by the end of this week, at which time we will schedule a conference call with you to discuss the results [and next steps](#).

Chavira, Raymond

From: Chavira, Raymond
Sent: Friday, February 14, 2014 2:29 PM
To: Barquest, Bradley A UTCHQ
Cc: Parsons, Scott; Lee, Don; Richard Lewis; Tom.Perina@CH2M.com
Subject: FW: Request to Add Well S11A to IZ Semiannual Monitoring Program

Brad,

This email confirms UTC's consent to allow Northrop Grumman and its consultants access to well S11A for all response activities related to the PVOU IZ Interim Remedy including but not limited to groundwater sampling, aquifer testing, etc.

Please acknowledge receipt via email response.

Ray

From: Barquest, Bradley A UTCHQ [mailto:Bradley.Barquest@utc.com]
Sent: Tuesday, February 11, 2014 10:42 AM
To: Chavira, Raymond
Cc: Parsons, Scott; Tom.Perina@CH2M.com
Subject: RE: Request to Add Well S11A to IZ Semiannual Monitoring Program

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Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

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To: 'Richard Lewis'
Cc: 'Klaus Rohwer'; Maldonado, Lewis; 'Tom.Perina@CH2M.com'; Kerang.Sun@CH2M.com; John.Dolegowski@CH2M.com
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Please feel free to call me regarding this change.

Ray

Raymond Chavira
Environmental Scientist/Remedial Project Manager
EPA Region IX
75 Hawthorne Street, SFD-7-3
San Francisco, CA 94105-3901
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Chavira, Raymond

From: Chavira, Raymond
Sent: Friday, February 14, 2014 3:17 PM
To: Parsons, Scott
Cc: Barquest, Bradley A UTCHQ;Tom.Perina@CH2M.com
Subject: Status of Review of SZ North Groundwater Sampling

Scott,

We plan to get review comments out by Tuesday Feb 18th.

Thanks for your patience.

Chavira, Raymond

From: Chavira, Raymond
Sent: Friday, February 14, 2014 4:58 PM
To: Parsons, Scott
Cc: Tom Perina; Kerang Sun; Bradley Barquest; Lee, Don
Subject: RE: Baseline data

Next Friday at 10 am will work best for me. I will be out until Friday. Feel free to contact Tom Perina in interim.

Ray

From: Parsons, Scott [mailto:Scott.Parsons@tetrattech.com]
Sent: Friday, February 14, 2014 4:40 PM
To: Chavira, Raymond
Cc: Tom Perina; Kerang Sun; Bradley Barquest; Lee, Don
Subject: FW: Baseline data

Ray,

Please find attached tables summarizing the December 2013/January 2014 baseline sampling data. Data validation is in progress and should be complete next week. Please let me know if 10:00 am on Thursday is convenient for a conference call to discuss the attached data.

Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Monday, February 17, 2014 11:15 AM
To: Bradley A Barquest (bradley.barquest@utc.com); 'Tom Perina'; Chavira, Raymond; Kerang Sun
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

Kerang is unavailable at the proposed time. Ray is unavailable until Friday morning. I am available only until noon on Friday (need to be off the call by noon). Does 11 a.m Friday work for everyone or should we push it into the following week?

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Sent: Monday, February 17, 2014 11:00 AM
To: Bradley A Barquest (bradley.barquest@utc.com); Tom Perina; Chavira.Raymond@epa.gov; Kerang Sun
Subject: PVOU SZ North of Puente Creek Baseline Sampling Data
When: Friday, February 21, 2014 10:00 AM-10:30 AM (UTC-08:00) Pacific Time (US & Canada).
Where: Conference Call

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SCOTT PARSONS has invited you to attend an online meeting using Microsoft® Office Live Meeting service.

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Telephone Conferencing

Choose one of the following:

- Dial the conferencing service directly, and enter the participant code shown below:
Toll-free: +1-8666925721
Toll: +1-5174449940
Participant Code: 9114316

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Chavira, Raymond

From: Tom.Perina@CH2M.com
Sent: Monday, February 17, 2014 12:58 PM
To: Chavira, Raymond; Scott.Parsons@tetrattech.com
Cc: Kerang.Sun@CH2M.com; bradley.barquest@utc.com; Don.Lee@tetrattech.com
Subject: RE: Baseline data

Brad,

Thursday 10:00 would work for me if you want to discuss the results and point out key analytes; that would be good. Ray will be back on Friday and we can have a call outside the 10:00-12:00 window.

Tom

From: Chavira, Raymond [mailto:Chavira.Raymond@epa.gov]
Sent: Friday, February 14, 2014 4:58 PM
To: Parsons, Scott
Cc: Perina, Tom/RIV; Sun, Kerang/SCO; Bradley Barquest; Lee, Don
Subject: RE: Baseline data

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From: Tom.Perina@CH2M.com
Sent: Monday, February 17, 2014 1:04 PM
To: Scott.Parsons@tetrattech.com;bradley.barquest@utc.com;Chavira, Raymond;Kerang.Sun@CH2M.com
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

Scott,

Kerang, Ray and I have meetings 10:00-12:00 this Friday. My schedule is open outside that window.

Tom

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Sent: Monday, February 17, 2014 11:15 AM
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Chavira, Raymond

From: Parsons, Scott <Scott.Parsons@tetrattech.com>
Sent: Monday, February 17, 2014 1:06 PM
To: Tom.Perina@CH2M.com;bradley.barquest@utc.com;Chavira, Raymond;Kerang.Sun@CH2M.com
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

Does Monday morning 2/24 at 10:00 am work for everyone?

From: Tom.Perina@CH2M.com [mailto:Tom.Perina@CH2M.com]
Sent: Monday, February 17, 2014 1:04 PM
To: Parsons, Scott; bradley.barquest@utc.com; Chavira.Raymond@epa.gov; Kerang.Sun@CH2M.com
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

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Sent: Monday, February 17, 2014 1:07 PM
To: Scott.Parsons@tetrattech.com;bradley.barquest@utc.com;Chavira, Raymond;Kerang.Sun@CH2M.com
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

No. 11:00-12:00 works for me.
Tom

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Sent: Monday, February 17, 2014 1:06 PM
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Chavira, Raymond

From: Kerang.Sun@CH2M.com
Sent: Monday, February 17, 2014 1:16 PM
To: Tom.Perina@CH2M.com; Scott.Parsons@tetrattech.com; bradley.barquest@utc.com; Chavira, Raymond
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

Works for me too.

Kerang Sun, Ph.D., P.G.

CH2M HILL
6 Hutton Centre Dr. Suite 700
Santa Ana, CA 92707
Tel: (714) 435-6324
Fax: (714) 424-2238

From: Perina, Tom/RIV
Sent: Monday, February 17, 2014 1:07 PM
To: Parsons, Scott; bradley.barquest@utc.com; Chavira.Raymond@epa.gov; Sun, Kerang/SCO
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Chavira, Raymond

From: Barquest, Bradley A UTCHQ <Bradley.Barquest@utc.com>
Sent: Monday, February 17, 2014 1:18 PM
To: Kerang.Sun@CH2M.com; Tom.Perina@CH2M.com; Scott.Parsons@tetrattech.com; Chavira, Raymond
Subject: RE: PVOU SZ North of Puente Creek Baseline Sampling Data

Monday is open for me as well

Bradley A Barquest, R.G.
United Technologies Corporation
Telephone 763-432-5695
e-fax 860-622-0566
bradley.barquest@utc.com

From: Kerang.Sun@CH2M.com [mailto:Kerang.Sun@CH2M.com]
Sent: Monday, February 17, 2014 3:16 PM
To: Tom.Perina@CH2M.com; Scott.Parsons@tetrattech.com; Barquest, Bradley A UTCHQ; Chavira.Raymond@epa.gov
Subject: [External] RE: PVOU SZ North of Puente Creek Baseline Sampling Data

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